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Abstract

The present invention relates to a device for receiving signals in a wireless cellular OFDM system, in which data symbols are transmitted in frequency subcarriers and timeslots. The present invention further relates to a method for channel estimation in such a device. According to the present invention, a channel estimation on the basis of received pilot symbols is performed, whereby the channel estimation for data symbols between pilot symbols is performed by means of a filter, said filter being selected from a set of filters on the basis of an interference reference value.

15 (Fig. 4)

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